

# Ketron® LSG PEEK



Polyetheretherketone [PEEK]

Ketron® LSG PEEK natural/black

Ketron® CLASSIX™ LSG PEEK white

ROUND RODS								
Diameters	Tolerances on the diameters	Ketron® LSG PEEK natural		Ketron® LSG PEEK black		Ketron® CLASSIX™ LSG PEEK white		
[mm]	[mm]	Standard size per piece: [3000 mm <sup>[1]</sup> ]						
		[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]		
5	+0,1 +0,2	0,08	□	0,08	□	0,09	□ <sup>[4]</sup>	
6		0,12	□	0,12	□	<b>0,13</b>	■ <sup>[4]</sup>	
7		0,16	□	0,16	□	0,17	— <sup>[4]</sup>	
8		0,20	□	0,20	□	<b>0,22</b>	■ <sup>[4]</sup>	
9		0,26	□	0,26	□	0,28	— <sup>[4]</sup>	
10		0,32	□	<b>0,32</b>	■	<b>0,34</b>	■ <sup>[4]</sup>	
11		0,39	□	0,39	□	0,42	□	
12		0,47	■	0,47	■	0,50	□	
14		0,63	□	0,63	□	0,68	□	
15		0,72	□	0,72	□	0,77	□	
16		0,82	■	0,82	■	0,88	□	
18	+0,3 +0,4	1,04	□	1,04	□	1,11	□	
20		<b>1,27</b>	■	<b>1,27</b>	■	1,37	□	
22		1,55	□	1,55	□	1,65	□	
25		<b>1,98</b>	■	<b>1,98</b>	■	2,13	□	
28		2,48	□	2,48	□	2,67	□	
30		2,85	□	2,85	□	3,06	□	
32	+0,3 +0,5	3,24	■	3,24	□	3,48	□	
35		3,87	□	3,87	□	4,14	□	
36		4,08	□	4,08	□	4,38	□	
40		<b>5,04</b>	■	<b>5,04</b>	■	5,40	□	
45		6,39	□	6,39	□	6,87	□	
50	+0,4 +0,6	<b>7,89</b>	■	<b>7,89</b>	■	8,46	□	
56		9,90	□	9,90	□	10,62	□	
60		11,34	□	11,34	□	12,18	□	
65		13,32	□	13,32	□	14,28	□	
70		15,42	■	15,42	□	16,56	□	
75		18,36	□	18,36	□	19,71	□	
80	+0,4 +3,0	20,82	□	20,82	□	22,35	□	
90		+0,5 +3,4	26,40	□	26,40	□	28,32	□
100		+0,6 +3,8	32,55	□	32,55	□	34,95	□
110	+0,7 +4,2	39,00	□	—	—	—	—	
120	+0,8 +5,6	46,35	□	—	—	—	—	
130	+0,9 +5,4	54,60	□	—	—	—	—	
140		63,15	□	—	—	—	—	
150		72,45	□	—	—	—	—	
160		82,35	□	—	—	—	—	
170	+1,0 +5,8	92,70	□	—	—	—	—	
180		103,80	□	—	—	—	—	
190		115,50	□	—	—	—	—	
200		127,80	□	—	—	—	—	

Other standard length: [1000 mm<sup>[1]</sup>]<sup>[3]</sup><sup>[1]</sup>: tolerance on the lengths -0/+3 %<sup>[2]</sup>: average production weights<sup>[3]</sup>: non-standard length for diameters over 60 mm [manufactured to order and subject to special conditions]<sup>[4]</sup>: tolerance on the diameters: h9 (-0,036/+0 mm)■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]



# Ketron® LSG PEEK

Polyetheretherketone [PEEK]

Ketron® LSG GF30 PEEK

Ketron® LSG CA30 PEEK

ROUND RODS					
Diameters [mm]	Tolerances on the diameters [mm]	Ketron® LSG GF30 PEEK		Ketron® LSG CA30 PEEK	
		Standard length per piece: [3000 mm <sup>[1]</sup> ]			
		[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]	
6	+0,1 +0,4	0,14	□	0,14	□
7		0,20	□	0,18	□
8		0,25	□	0,24	□
9	+0,1 +0,5	0,32	□	0,29	□
10		0,38	□	0,36	□
11		0,49	□	0,46	□
12		0,58	□	0,54	□
14		0,77	□	0,73	□
15	+0,2 +0,9	0,88	□	0,83	□
16		1,00	□	0,94	□
18		1,25	□	1,17	□
20		1,53	□	1,44	□
22		1,88	□	1,76	□
25		2,40	□	2,25	□
28	+0,2 +1,2	2,99	□	2,81	□
30		3,42	□	3,21	□
32		3,87	□	3,63	□
35		4,68	□	4,38	□
36	+0,2 +1,6	4,92	□	4,65	□
40		6,06	□	5,70	□
45		7,71	□	7,26	□
50	+0,3 +2,5	9,48	□	8,91	□
56		11,82	□	11,10	□
60		13,65	□	12,84	□
65	+0,3 +2,5	15,96	□	15,00	□
70		18,42	□	17,34	□
75	+0,4 +3,0	21,30	□	20,01	□
80		24,15	□	22,71	□
90	+0,5 +3,4	30,60	□	–	–
100	+0,6 +3,8	37,80	□	–	–
Other standard length: [1000 mm <sup>[1][3]</sup> ]					

<sup>[1]</sup>: tolerance on the lengths -0/+3 %

<sup>[2]</sup>: average production weights

<sup>[3]</sup>: non-standard length for diameters over 60 mm [manufactured to order and subject to special conditions]

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

▣ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

# Ketron® LSG PEEK

Polyetheretherketone [PEEK]

Ketron® LSG PEEK natural/black

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® LSG PEEK natural				Ketron® LSG PEEK black			
		Standard sizes per piece:							
		[615 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]		[1000 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]		[615 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]		[1000 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]	
5	+0,2 +0,7	13,92	□	22,53	□	13,92	□	22,53	□
6		16,41	□	26,55	□	16,41	□	26,55	□
8	+0,2 +0,9	21,72	□	35,10	□	21,72	□	35,10	□
10		26,70	□	43,20	□	26,70	□	43,20	□
12	+0,3 +1,5	32,85	□	53,10	□	32,85	□	53,10	□
15		40,35	□	65,25	□	40,35	□	65,25	□
16		42,75	□	69,30	□	42,75	□	69,30	□
18		47,70	□	–	–	47,70	□	–	–
20		52,80	□	85,35	□	52,80	□	85,35	□
25	+0,5 +2,5	65,25	□	105,60	□	65,25	□	105,60	□
30		79,65	□	–	–	79,65	□	–	–
35		92,10	□	–	–	92,10	□	–	–
40		104,55	□	–	–	104,55	□	–	–
45		117,00	□	–	–	117,00	□	–	–
50	+0,5 +3,5	129,45	□	–	–	129,45	□	–	–
55		143,55	□	–	–	143,55	□	–	–
60		156,00	□	–	–	156,00	□	–	–
65		168,45	□	–	–	168,45	□	–	–
70		180,90	□	–	–	180,90	□	–	–
80	+0,5 +5,0	208,20	□	–	–	208,20	□	–	–
90		233,10	□	–	–	233,10	□	–	–
100		258,00	□	–	–	258,00	□	–	–

Other standard sizes:  
 Thickness ≤ 25 mm = 615/1000 x 1000 mm<sup>[1] [3]</sup>  
 Thickness > 25 mm = 615 x 1000 mm<sup>[1] [3]</sup>

<sup>[1]</sup>: tolerances on width +5/+25 mm, on length -0/+3 %

<sup>[2]</sup>: average production weights

<sup>[3]</sup>: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

▣ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

# Ketron® LSG PEEK

Polyetheretherketone [PEEK]

Ketron® CLASSIX™ LSG PEEK white

PLATES					
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® CLASSIX™ LSG PEEK white			
		Standard size per piece: [615 x 3000 mm <sup>[1]</sup> ]		Standard size per piece: [1000 x 3000 mm <sup>[1]</sup> ]	
		[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]	
5		14,94	□	24,18	□
6	+0,2 +0,7	17,61	□	28,50	□
8		23,28	□	37,65	□
10	+0,2 +0,9	28,65	□	46,35	□
12		35,25	□	57,00	□
15		43,20	□	69,90	□
16		45,90	□	74,25	□
18	+0,3 +1,5	51,30	□	-	-
20		56,55	□	91,65	□
25		69,90	□	113,25	□
30		85,35	□	-	-
35		98,70	□	-	-
40	+0,5 +2,5	112,20	□	-	-
45		125,55	□	-	-
50		138,90	□	-	-
55		153,90	□	-	-
60		167,25	□	-	-
65	+0,5 +3,5	180,75	□	-	-
70		194,10	□	-	-
80		223,35	□	-	-
90	+0,5 +5,0	250,05	□	-	-
100		276,90	□	-	-

**Other standard sizes:**  
**Thickness ≤ 25 mm = 615/1000 x 1000 mm<sup>[1] [3]</sup>**  
**Thickness > 25 mm = 615 x 1000 mm<sup>[1] [3]</sup>**

<sup>[1]</sup>: tolerances on width +5/+25 mm, on length -0/+3 %

<sup>[2]</sup>: average production weights

<sup>[3]</sup>: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

▣ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

# Ketron® LSG PEEK

Polyetheretherketone [PEEK]

Ketron® LSG GF30 PEEK

Ketron® LSG CA30 PEEK

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® LSG GF30 PEEK				Ketron® LSG CA30 PEEK			
		Standard sizes per piece:							
		[525 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]		[625 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]		[525 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]		[625 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]	
5	+0,2 +0,7	13,77	□	-	-	12,96	□	-	-
6		16,23	□	-	-	15,27	□	-	-
8		21,51	□	-	-	20,22	□	-	-
10	+0,2 +0,9	26,43	□	-	-	24,84	□	-	-
12	+0,3 +1,5	-	-	38,40	□	-	-	36,15	□
15		-	-	47,10	□	-	-	44,25	□
16		-	-	50,10	□	-	-	47,10	□
18		-	-	55,80	□	-	-	52,50	□
20		-	-	61,65	□	-	-	58,05	□
25		-	-	76,20	□	-	-	71,70	□
30	+0,5 +2,5	-	-	93,15	□	-	-	87,45	□
35		-	-	107,70	□	-	-	101,25	□
40		-	-	122,25	□	-	-	114,90	□
45		-	-	136,80	□	-	-	128,55	□
50		-	-	151,35	□	-	-	142,35	□
55	+0,5 +3,5	-	-	167,85	□	-	-	157,80	□
60		-	-	182,40	□	-	-	171,45	□

Other standard sizes: [525/625 x 1000 mm<sup>[1]</sup>[<sup>3]</sup>]

<sup>[1]</sup>: tolerances on width +5/+25 mm, on length -0/+3 %

<sup>[2]</sup>: average production weights

<sup>[3]</sup>: non-standard size for thicknesses over 25 mm [manufactured to order and subject to special conditions]

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]

▣ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]

□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]